

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT General Services	(2) MEETING DATE 5/5/2015	(3) CONTACT/PHONE Machelle Vieux, (805) 781-5200	
(4) SUBJECT Submittal of a bid opening report for the project to Extend Nacimiento Fiber to the County Operations Center and award of a construction contract to Daleo, Inc., the lowest responsible bidder, in the amount of \$356,287. Districts 1, 2, 3, and 5.			
(5) RECOMMENDED ACTION It is recommended that the Board: <ol style="list-style-type: none"> <li>1. Award a construction contract to Daleo Inc., the lowest responsible bidder, in the amount of \$356,287; and</li> <li>2. Instruct the Chairperson to sign the contract upon receipt of the insurance and bond documents; and</li> <li>3. Authorize the Director of General Services or her designee to approve change orders for a contingency amount up to the limits allowed by Public Contract Code section 20142 and the County Contracting for Services Policy section 4.2 Construction Contracts</li> </ol>			
(6) FUNDING SOURCE(S) FC 230 Capital Projects	(7) CURRENT YEAR FINANCIAL IMPACT \$356,287.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____ ) <input type="checkbox"/> Board Business (Time Est. ____ )			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR)  19001523		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: <input type="checkbox"/> 4/5 Vote Required <input checked="" type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A    Date: <u>09/25/2012, 12/18/2012, 03/10/2015</u>	
(17) ADMINISTRATIVE OFFICE REVIEW David E. Grim			
(18) SUPERVISOR DISTRICT(S) District 1, 2, 3 & 5			

# County of San Luis Obispo



TO: Board of Supervisors

FROM: General Services / Machelie Vieux, (805) 781-5200

DATE: 5/5/2015

SUBJECT: Submittal of a bid opening report for the project to Extend Nacimiento Fiber to the County Operations Center and award of a construction contract to Daleo, Inc., the lowest responsible bidder, in the amount of \$356,287. Districts 1, 2, 3, and 5.

## **RECOMMENDATION**

It is recommended that the Board:

1. Award a construction contract to Daleo Inc., the lowest responsible bidder, in the amount of \$356,287; and
2. Instruct the Chairperson to sign the contract upon receipt of the insurance and bond documents; and
3. Authorize the Director of General Services or her designee to approve change orders for a contingency amount up to the limits allowed by Public Contract Code section 20142 and the County Contracting for Services Policy section 4.2 Construction Contracts

## **DISCUSSION**

On March 10, 2015, the Board approved the project, adopted the plans and specifications, and authorized bidding for the project "General Services IT - SLO - Extend Nacimiento Fiber, #320037". The project was publicly advertised for 30 days on the County's e-procurement website. The construction contract included a base bid and an alternate. On April 9, 2015, five bids were received and Daleo, Inc., of Gilroy, California submitted the lowest responsive bid by a responsible bidder in the amount of \$356,287. No bid protests were received.

As part of the Nacimiento Water Project (NWP), 96 strands of single mode fiber were run along the entire pipeline route of approximately 45 miles. The San Luis Obispo Flood Control and Water Conservation District uses 24 strands in support of the pipeline. The remaining 72 strands of optical fiber are for County use.

The County Fiber Optic Strategic Plan offers a means to utilize the unique fiber optic resources available to San Luis Obispo County. The Project to connect the 'dark' fiber optic cable underneath the Nacimiento Water Project has risen steadily in importance and priority under the Strategic Plan.

The project will extend the Nacimiento Water Project fiber optic backbone from Cal Poly Stenner Canyon to the County Operations Center, Sheriff Administration at 1585 Kansas Avenue. This is the second part of the fiber loop project intended to develop redundant paths for data exchange between San Luis Obispo and the north county. There are two planned areas and construction phases for the NWP Fiber Extension, as follows:

- The Project's first priority is to extend the stub or end of the pipeline fiber from Cal Poly Stenner Canyon to the County Operations Center, Sheriff Administration at 1585 Kansas Avenue. Connecting this roughly 4 miles of largely overhead fiber along existing communications poles will allow the existing 'dark' fiber line to be connected to the existing secure County fiber communications network. This will allow the entire NWP fiber to be 'lit' and ready to splice or connect along the entire length of the pipeline.

- The Project's second priority, Bid Alternate #1, is to install a redundant overhead and underground fiber network from the UMAN Level 3 Communications box at the fiber cable freeway crossing (Walnut Street at the 101 Freeway), to the County IT Data Center, Fourth Floor at 976 Osos Street in Downtown San Luis Obispo. This Alternate Diverse Route for the existing UMAN fiber provides connectivity and redundancy for existing County network, in case of network outage or failure.

#### **OTHER AGENCY INVOLVEMENT/IMPACT**

Information Technology Department Infrastructure staff have been involved in the programming and design of the project. General Services and Information Technology Department staff brought the project to the Nacimiento Water Project Commission and NWP Technical Support Group for review and concurrence in a public meeting. The County Environmental Coordinator has reviewed the project and issued a Categorical Exemption (ED14-146). County Counsel has reviewed the Contract for form and legal effect.

#### **FINANCIAL CONSIDERATIONS**

The budget for this project is \$490,300. The budget includes the cost for programming, design, bidding, administration, and construction. Funds were provided from the General Fund Building Replacement Reserve and placed in Fund Center 230, Capital Projects. The project is currently within budget.

The total project includes two phases of construction. The lowest qualified base bid for the cabling from Stenner Creek to the County Operations Center Sheriff Administration was \$225,410. The additive Bid Alternate #1 for the diverse UMAN fiber cabling in downtown San Luis Obispo was \$130,877. SLO County General Services and Information Technology Departments intend to award both the Base Bid and Alternate #1 within the budget of the current project.

<b>Description</b>	<b>Original Estimated Budget</b>	<b>Actual Projected Budget</b>
Project Programming, Design and Administration	\$65,800	\$65,800
Construction Contract (Base Bid + Bid Alternate #1)	\$337,700	\$356,287
Testing, Permitting, Inspection Fees, Change Orders & Contingency, Misc. Expenses	\$86,800	\$68,213
<b>TOTAL EXPENDITURES</b>	<b>\$490,300</b>	<b>\$490,300</b>

#### **RESULTS**

Approval of the recommended action will award a construction contract to Daleo Inc. for construction of the project. Construction of the project is scheduled to begin in May, 2015 and be fully completed by early September, 2015. Connection of the NWP fiber will expand the County of San Luis Obispo's communication infrastructure by well over 50 miles. The alternate diverse fiber route (Bid Alternate #1) will provide a redundant fiber backbone for critical information and emergency services, due to network outage or failure of the UMAN fiber network. The completion of the project would serve the IT Department Fiber Optic Strategic Plan and supports the goal of a well-governed community.

#### **ATTACHMENTS**

1. Vicinity Map Base Bid Project
2. Vicinity Map Bid Alternate #1
3. Bid Results Summary April 9, 2015